



U.S. Department  
of Transportation  
**Research and  
Special Programs  
Administration**

400 Seventh St., S.W.  
Washington, D.C. 20590

**AUG 1 2001**

DOT-E 6614  
(THIRTEENTH REVISION)

EXPIRATION DATE: May 31, 2003

(FOR RENEWAL, SEE 49 CFR § 107.109.)

1. GRANTEE: Hasa, Inc.  
Saugus, California  
(Former grantee: Pioneer)

(See Appendix A to this exemption for a list of additional grantees)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of certain corrosive liquids in polyethylene bottles placed in a polyethylene crate. This exemption provides no relief from any regulation other than as specifically stated herein.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.202 and § 173.203.
5. BASIS: This exemption is based on the Hasa, Inc. application dated July 16, 2001, submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description/proper shipping name *	Hazard Class/ Division	Identification number	Packing Group
Hydrochloric acid solution, not over 32% strength.	8	UN1789	II
Sulfuric acid with not more than 51% acid	8	UN2796	II
Compound, cleaning liquid, consisting of solutions containing potassium hydroxide, hydrochloric acid or phosphoric acid	8	NA1760	II or III

\* The proper shipping name for a hazardous waste must include the word "Waste" preceding the proper shipping name of the material.

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a polyethylene bottle with a rated capacity of one gallon (3.785 liters), packed inside an open-top, heavy wall, high density polyethylene box (i.e., crate). Four bottles, securely closed with threaded caps, must be packed in each box. The design of the box must be such that the polyethylene bottles are not subjected to any superimposed weight.

(1) The minimum weight of each empty bottle must be not less than 140 grams. Minimum wall thickness of each polyethylene bottle is 0.020 inch (0.508 mm).

(2) The polyethylene box must mitigate the spread of hazardous materials in the event of a spill from the inner packagings. The box must be constructed from high density polyethylene in the density range 0.950-0.962, and must be capable of holding liquid when in an upright position.

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b. TESTING -

(1) It is the responsibility of each holder of this exemption to ensure that the tests required by this paragraph are completed. A copy of the test results must be kept on file at each exemption holder's facility where packagings are offered for transportation, and must be made available to a representative of the Department of Transportation upon request. Tests must be performed on each type and size of bottle, for each manufacturing location. Samples taken at random must withstand the prescribed tests without breakage or leakage.

(2) The polyethylene bottles in the outer box must meet the Packing Group II performance level, as applicable for combination packagings with a plastic box outer packaging, in accordance with Subpart M of Part 178.

(3) One bottle for every two hours of production, or for every 2500 bottles produced, must be tested by dropping a bottle filled to 98% capacity with water from a height of 1.2 meters (3.9 feet) onto solid concrete directly on the closure.

c. MARKING - The name or symbol of the bottle producer, and the month and year of manufacture, must be embossed on the bottom of each bottle, in letters and numbers at least 6 mm (0.2 inch) high. Symbols, if used, must be registered with the Associate Administrator for Hazardous Materials Safety. Each outer crate must be marked "DOT-E 6614" in accordance with § 172.301(c). The exemption number may be on the printed form on the box, incorporated into the corrosive material label at the bottom margin.

d. Boxes must be reasonably secured against movement within the transport vehicle and must be loaded so as to minimize the possibility of coming in contact with other lading.

e. Shipments must be by private carrier.

8. SPECIAL PROVISIONS:

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a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.

- o Registration required by § 107.601 et seq., when applicable.

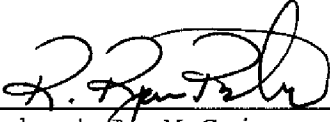
Each "Hazmat employee", as defined in § 171.8 who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by § 172.700 through § 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable.

(Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



*for* Robert A. McGuire  
Associate Administrator  
for Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: sln

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Abcana Industries, Inc. El Cajon, CA	8/15/2001	9/10/2001	5/31/2003
Allied Universal Corporation Miami, FL	10/2/2001	OCT 12 2001	5/31/2003
Auto-Chlor System Memphis, TN	9/21/2001	9/28/2001	5/31/2003
Brenntag Mid-South, Inc. Henderson, KY	8/14/2001	8/29/2001	5/31/2003
Hasa of Arizona, Inc. Eloy, AZ	7/16/2001	8/1/2001	5/31/2003
Hasa, Inc. Pittsburg, CA	7/16/2001	8/1/2001	5/31/2003
HCI Baychem Incorporated Kennesaw, GA	11/19/1999	11/23/1999	10/31/2001
HCI Advanced Chemical Sand Springs, OK	11/9/1999	11/23/1999	10/31/2001
HCI Chemtech Distribution Chesterfield, MO	11/19/1999	11/23/1999	10/31/2001
HCI Dyce Chemical Billings, MT	11/19/1999	11/23/1999	10/31/2001
HCI East Falls Corporation Frazer, PA	11/19/1999	11/23/1999	10/31/2001
HCI Holchem, Incorporated Pacoima, CA	11/19/1999	11/23/1999	10/31/2001
HCI Industrial Chemical & Supply Company Tampa, FL	11/19/1999	11/23/1999	10/31/2001

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Company Name City/State	Application Date	Issue Date	Expiration Date
HCI Coastal Chemical Company, Abbeville, LA	11/19/1999	11/23/1999	10/31/2001
HCI-Clearwater Chemical Corporation, Clearwater, FL	5/7/2001	7/6/2001	5/31/2003
Sentry Industries Miami, FL	8/1/2001	8/17/2001	5/31/2003
Sierra Chemical Company Reno, NV	1/11/2000	2/17/2000	10/31/2001
Swimming Pool Chemical MFG., Ass'n. Santa Clara, CA	12/27/1999	2/17/2000	10/31/2001
Worth Chemical Corporation Greensboro, NC	11/19/1999	11/23/1999	10/31/2001

for Ann Mazzullo  
Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety